

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A precise cutting device for splitting a test piece, comprising:
a microscope, comprising:
a base for positioning the precise cutting device;
a support arm, extending upward from the base;
a stage having an opening and movably connected to the support arm to support ~~a~~ the test piece; and
a lens set disposed on the top of the support arm, adjustable to show the micro-structure of the test piece; and
a cutter disposed on the base under the stage of the microscope and passing through the opening to form notches on the surface of the test piece, wherein said cutter is fixed horizontally selective to said base.
2. (original) The precise cutting device as claimed in claim 1, wherein the stage has a clip to fix the test piece and a first position adjuster to shift the test piece horizontally within a predetermined area.
3. (original) The precise cutting device as claimed in claim 1, further comprising:
a second position adjuster disposed under the stage, elevating the vertical position of the cutter assembled thereon.
4. (original) The precise cutting device as claimed in claim 1, wherein the cutter has a diamond tip.
5. (original) The precise cutting device as claimed in claim 1, wherein the cutter has a wheel knife at the tip of the cutter.

6. (currently amended) The precise cutting device as claimed in claim 1, further comprising:

an image sensor disposed on the lens set, for sensing optical images and converting them into electronic signals; and

a monitor electrically connected to the image sensor for and displaying the electronic signals.

7. (currently amended) The precise cutting device as claimed in claim 4 6, wherein the image sensor is a charge-coupled camera.

8-12. (canceled)

13. (new) The precise cutting device as claimed in claim 1, further comprising a light source, disposed on the base for lighting the test piece.